



PATENT APPLICATION  
Mo7990  
LeA 36,508

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN APPLICATION OF )  
WOLFGANG EBENBECK ET AL ) GROUP NO.: 1621  
)  
SERIAL NO.: 10/751,824 )  
)  
FILED: JANUARY 5, 2004 )  
)  
TITLE: α,α-DIFLUOROAMINES AND )  
DIFLUOROMETHYLENE-α,α-DIAZO )  
COMPOUNDS )

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements. Enclosed are copies of the following:

- a) the background art as cited in the application (except for U.S. applications or patents);

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 7/22/04

Diderico van Eyn, Reg. No. 387641  
Name of applicant, assignee or Registered Representative

Signature  
July 22, 2004  
Date

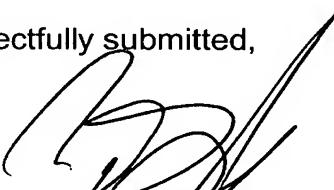
- b) the Search Report received in the corresponding application pending in the European Patent Office, and an English language translation thereof; and
- c) the documents cited by the European Patent Office in the Search Report listed on the attached Form PTO-1449, and a corresponding abstract of the foreign patent document listed on the attached Form PTO 1449.

Concise statements of the presently understood relevance of each of the documents are found in the specification filed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application *prima facie* unpatentable.

Respectfully submitted,

By \_\_\_\_\_

  
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Sheet 1 of 2

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|---|--|--|--|---------------------------------------|--------------------------|
| Form PTO 1449<br>Rev. 7-80  |  | U.S. Department of Commerce<br>Patent and Trademark Office |  | Atty. Docket No.<br>CH7990/LeA 36,508 | Serial No.<br>10/751,824 |
| LIST OF PRIOR ART CITED BY APPLICANT<br>(Use Several Sheets If Necessary) |  |  |  | Applicant<br>Wolfgang Ebenbeck et al  |                          |
|   |  |  |  | Filing Date<br>1/5/04                 | Group<br>1621            |

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE     | NAME                                    | CLASS             | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----|-----------------|----------|---|-------------------|----------|----------------------------|
|                  | AA | 3,092,637       | 6/4/63   | Brown                                   | 260               | 326.5    |                            |
|                  | AB | 6,242,654       | 6/5/01   | (Bel. to corresp. to EP<br>Goto et al   | 1,013,629)<br>568 | 655      |                            |
|                  | AC | 6,329,529       | 12/11/01 | (Bel. to corresp. to EP<br>Sonoda et al | 895,991)<br>548   | 300.1    |                            |
|                  | AD | 2002/0042521    | 4/11/02  | (Bel. to corresp. to EP<br>Sonoda et al | 895,991)<br>548   | 300.1    |                            |
|                  | AE | 6,458,990       | 10/1/02  | (Bel. to corresp. to EP<br>Sonoda et al | 895,991)<br>560   | 219      |                            |
|                  | AF | 2003/0004348    | 1/2/03   | (Bel. to corresp. to EP<br>Sonoda et al | 895,991)<br>544   | 334      |                            |
|                  | AG | 6,632,949       | 10/14/03 | (Bel. to corresp. to EP<br>Sonoda et al | 895,991)<br>548   | 300.1    |                            |
|                  | AH | 2004/0073065    | 4/15/04  | (Bel. to corresp. to WO<br>Hidaka et al | 03/020685)<br>564 | 384      |                            |
|                  | AI |                 |          |   |                   |          |                            |
|                  | AJ |                 |          |   |                   |          |                            |
|                  | AK |                 |          |   |                   |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE    | COUNTRY               | CLASS | SUBCLASS | TRANSLATION |     |
|--|----|-----------------|---------|-----------------------|-------|----------|-------------|-----|
|  |    |                 |         |                       |       |          | Yes         | No* |
|  | AL | 60 243 039      | 12/3/85 | Japan (Abstract Only) |       |          |             |     |
|  | AM |                 |         |                       |       |          |             |     |
|  | AN |                 |         |                       |       |          |             |     |
|  | AO |                 |         |                       |       |          |             |     |
|  | AP |                 |         |                       |       |          |             |     |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|          |  |                 |  |
|----------|--|-----------------|--|
| AR       | J. Fluorine Chem., 23, (month unavailable), 1983, p. 219-228, W. Dmowski et al, "Dialkyl- $\alpha,\alpha$ -Difluorobenzylamines and Dialkyl(Trifluoromethyl)Amines - Novel Fluorinating Reagents"  |                 |  |
|          | Z. anorg. Allg. Chem., 537 (month unavailable) 1986, p. 63-78, D. J. Brauer et al, "Darstellung, Schwingungsspektren und Kristallstrukturanalyse von Di- und Trifluor-tetramethylammonium-Salzen" (XP008028797)  |                 |  |
| AS       | J. Amer. Chem. Soc., Bd. 84, Nr. 22, (Month unavailable), 1962, p. 4275-4285, F. S. Fawcett et al, "The Chemistry of Carbonyl Fluoride. I. The Fluorination of Organic Compounds", (XP002274553), US American Chemical Society, Washington, DC, Seite 4281-2, Spalte E |                 |  |
|          | "The Chemistry of Carbonyl Fluoride. I. The Fluorination of Organic Compounds", (XP002274553), US American Chemical Society, Washington, DC, Seite 4281-2, Spalte E  |                 |  |
| EXAMINER |  | DATE CONSIDERED |  |

EXAMINER Initial if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

- Neither English Language Equivalent nor an English Language Translation is available.

|                            |  |                                       |                          |
|----------------------------|--|---------------------------------------|--------------------------|
| Form PTO 1449<br>Rev. 7-80 | U.S. Department of Commerce<br>Patent and Trademark Office<br><b>LIST OF PRIOR ART CITED BY APPLICANT</b><br>(Use Several Sheets If Necessary) | Atty. Docket No.<br>CH7990/LeA 36,508 | Serial No.<br>10/751,824 |
|                            |  | Applicant<br>Wolfgang Ebenbeck et al  |                          |
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|                  | AA |                 |      |      |       |          |                            |
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|                  | AC |                 |      |      |       |          |                            |
|                  | AD |                 |      |      |       |          |                            |
|                  | AE |                 |      |      |       |          |                            |
|                  | AF |                 |      |      |       |          |                            |
|                  | AG |                 |      |      |       |          |                            |
|                  | AH |                 |      |      |       |          |                            |
|                  | AI |                 |      |      |       |          |                            |
|                  | AJ |                 |      |      |       |          |                            |
|                  | AK |                 |      |      |       |          |                            |

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|--|----|-----------------|------|---------|-------|----------|-------------|-----|
|  |    |                 |      |         |       |          | Yes         | No* |
|  | AL |                 |      |         |       |          |             |     |
|  | AM |                 |      |         |       |          |             |     |
|  | AN |                 |      |         |       |          |             |     |
|  | AO |                 |      |         |       |          |             |     |
|  | AP |                 |      |         |       |          |             |     |

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

|          |    |  |
|----------|----|--|
|          | AR | Chemical Physice Letters, Bd. 239, Nr. 4, (month unavailable) 1995, Seiten 320-325,<br>(XP0001189055), NLNorth-Holland, Amsterdam                    |
|          | AS | Bulletin of Academy of Sciences of the USSR, Div. of Chem. Sci., Bd 30, Nr. 4, October 10, 1981,   |
|          |    | Seiten 639-642, I. L. Knunyants et al, "Alpha-fluoroalkylamines, a new source of unhydrated fluoride ion", (XP002274542), US Consultants Bureau, NY. |
|          | AT |  |
| EXAMINER |    | DATE CONSIDERED  |

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